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Memorandum of Understanding

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Reporting Unit: City of Santa Barbara, PWD			Year: 2000	Submitted to CUWCC 10/31/2000
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Supply Source Name	Quantity (AF) Supplied	Supply Type	a Supply Source	•
Cachuma Proje	11770	Local Watershed 💌	i I	
Cachuma Proje	111//0	Lucar Watershed		
Gibraltar Rese		Local Watershed		
,	1394	J.,		e er
Gibraltar Rese	1394 357	Local Watershed 😓		
Gibraltar Rese Groundwater	1394 357 1149	Local Watershed Groundwater		
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EXHIBIT CT 59



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Memorandum of Understanding

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♦ Accounts & Water Use		
Reporting Unit Name: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000	Year: 2000
A. Service Area Population In	formation:	
1. Total service area population	96628	

B. Number of Accounts and Water Deliveries (AF)

	Туре	Met	Metered		etered
		No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
②	1. Single-Family	16692	5943	0	0
❖	2. Multi-Family	5458	3284	0	О
⋄	3. Commercial	2350	2398	0	0
②	4. Industrial	51	381	O	0
②	5. Institutional	0	0	0	0
②	6. Dedicated Irrigation	617	679	O	0
②	7. Other	65	796	O	0
�	8. Unaccounted	NA	1400	NA	0
	Total	25233	14881	0	0
	AF Conversion Calculator:	Metered		Unmetered	

		and the state of the Constitution		والمتلافظ والمتعارض والمتع
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BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000		Year: 2000
A. Implementation			
1. Based on your signed MOU date, 01/2 STRATEGY DUE DATE is:	8/1992, your Ag	jency	07/01/1998
2. Has your agency developed and imple marketing strategy for SINGLE-FAMILY r surveys?	mented a target esidential water	ting/ · use	yes
a. If YES, when was it implemente	d?		01/01/1991
3. Has your agency developed and imple marketing strategy for MULTI-FAMILY res surveys?	mented a target	ing/ Ise	yes
a. If YES, when was it implemented	d?	-	01/01/1991
B. Water Survey Data			
Survey Counts:		Single Family Accounts	Multi- Family Units
1. Number of surveys offered:		377	90
2. Number of surveys completed:	•	377	90
Indoor Survey:			
Check for leaks, including toilets, fauce meter checks	ts and	yes	yes
 Check showerhead flow rates, aerator that and offer to replace or recommend replace necessary 	low rates, ement, if	yes	yes
 Check toilet flow rates and offer to insta recommend installation of displacement de direct customer to ULFT replacement prog neccessary; replace leaking toilet flapper, a necessary 	evice or gram, as	yes	yes
Outdoor Survey:			
Check irrigation system and timers		yes	yes
7. Review or develop customer irrigation s	chedule	yes	yes
Measure landscaped area (Recommend required for surveys)	ded but not	n o	no
Measure total irrigable area (Recommendation of required for surveys)		no	no
 Which measurement method is typical (Recommended but not required for surve 	ys)		Other
11. Were customers provided with informa packets that included evaluation results ar savings recommendations?	tion d water	yes	yes
12. Have the number of surveys offered ar completed, survey results, and survey cos- tracked?		yes	yes
a. If yes, in what form are surveys to	acked?		database

C. Water Survey Program Expenditures

1. Budgeted Expenditures 6000 6400
2. Actual Expenditures 5749

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" No variant of this BMP?

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BMP 02: Residential Plumbing Retrofit

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000	Year: 2000
A. Implementation		
 Is there an enforceable ordinance is area requiring replacement of high-flo water use fixtures with their low-flow or 	w showerheads and other	no
Has your agency satisfied the 75% single-family housing units?		no
Estimated percent of single-family hashowerheads:		65%
4. Has your agency satisfied the 75% multi-family housing units?		no
Estimated percent of multi-family he showerheads:	ouseholds with low-flow	70%
B. Low-Flow Device Distribution	Information	
 Has your agency developed a target for distributing low-flow devices? 	ting/ marketing strategy	yes
 a. If YES, when did your agence strategy? 	y begin implementing this	08/01/1988
Low-Flow Devices Distributed/ Inst	alled SF Accounts	MF Units
Number of low-flow showerheads distributed:	40	85
Number of toilet-displacement device distributed:	ces 5	7
Number of toilet flappers distributed	: 0	0
5. Number of faucet aerators distribute	ed: 0	0
6. Does your agency track the distribu devices?	tion and cost of low-flow	yes
 a. If YES, in what format are low devices tracked? 	v-flow	Database
C. Low-Flow Device Distribution	Expenditures	
	This Year	Next Year
Budgeted Expenditures	9000	9200
2. Actual Expenditures	8213	
D. "At Least As Effective As"		
Is your AGENCY implementing an " variant of this BMP?	at least as effective as"	No
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BMP 03: System Water Audits, Leak Detection and Repair

	Reporting Unit: City of Santa Barbara, PWD	Submitted to 0 10/31/200		Year: 2000
A	. Implementation	<u> </u>	P-4-1-1	
	 Has your agency completed a pre-so reporting year? 	reening system audi	t for this	yes
	If YES, enter the values (AF/Year) us percent of total production:	ed to calculate verifi	able use	as a
	a. Determine metered sales (AF)	÷		12685
	b. Determine other system verifia	ble uses (AF)		999
	c. Determine total supply into the	system (AF)		14096
	 d. Using the numbers above, if (Note: Note: Not	fetered Sales + Othe < 0.9 then a full-scal	e e	0.97
	Does your agency keep necessary da used to calculate verifiable uses as a pe	ta on file to verify the	values	yes
	4. Did your agency complete a full-scale year?			
	Does your agency maintain in-house r completed AWWA audit worksheets for t	ecords of audit resul he completed audit?	ts or the	yes
	6. Does your agency operate a system le	ak detection program	n?	по
В.	Survey Data			
	1. Total number of miles of distribution sy	stem line.		275
	2. Number of miles of distribution system	line surveyed.		0
C.	System Audit / Leak Detection P	rogram Expendi	tures	
		Th	is Year	Next Year
	Budgeted Expenditures		0	0
	2. Actual Expenditures		0	
D.	"At Least As Effective As"			
	Is your AGENCY implementing an "at least this BMP?	east as effective as"	variant	yes
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BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000	Year: 2000
A. Implementation		· · · · · · · · · · · · · · · · · · ·
 Does your agency require mete by volume-of-use? 	ers for all new connections and bill	yes
Does your agency have a progr unmetered connections and bill by		no
 a. If YES, when was the pla use existing unmetered con 	in to retrofit and bill by volume-of- inections completed?	
Number of previously unmetere during report year.	d accounts fitted with meters	. 0
B. Feasibility Study		
 Has your agency conducted a fe of a program to provide incentives dedicated landscape meters? 	easibility study to assess the merits to switch mixed-use accounts to	nó
a. If YES, when w	as the feasibility study conducted? (mm/dd/yy)	
2. Number of CII accounts with mix	red-use meters.	2292
Number of CII accounts with mix dedicated irrigation meters during r		5
C. Meter Retrofit Program Exp	penditures	
	This Year	Next Year
Budgeted Expenditures	. 0	0
2. Actual Expenditures	0	•
D. "At Least As Effective As"	•	
 Is your AGENCY implementing a of this BMP? 	n "at least as effective as" variant	No
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BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUW6 10/31/2000	cc Year: 2000
A. Water Use Budgets		000
Number of Dedicated Irrigate		682
Number of Dedicated Irrigate Budgets:		•
Budgeted Use for Irrigation Budgets (AF):		
Actual Use for Irrigation Me (AF):		
5. Does your agency provide v budgets each billing cycle?	vater use notices to accou	ınts with yes
B. Landscape Surveys	4.	
 Has your agency developed for landscape surveys? 		
a. If YES, when did you strategy?	r agency begin implemen	ting this 01/01/1991
2. Number of Surveys Offered	•	30
3. Number of Surveys Comple	ted.	26
4. Indicate which of the following	ng Landscape Elements a	re part of your survey:
a. Irrigation System Che	eck	yes
b. Distribution Uniformit	y Analysis	yes
c. Review / Develop Irri	gation Schedules	yes
d. Measure Landscape	Area	yes
e. Measure Total Irrigat	ole Area	no
f. Provide Customer Re	port / Information	yes
Do you track survey offers a		yes
Does your agency provide for completed surveys?	ollow-up surveys for previ	ously no
C. Other BMP 5 Actions		
 An agency can provide mixe landscape budgets in lieu of a 	ed-use accounts with ETo large landscape survey p	based no rogram.
Does your agency provide mix budgets?		
2. Number of CII mixed-use ac	counts with landscape bu	dgets.
Do you offer landscape irrig	ation training?	yes
 Does your agency offer final landscape water use efficiency 	ncial incentives to improver?	e no
Type of Financial Incentive:	Budget Number A	warded Total Amount tomers Awarded

a. Rebates				
b. Loans				
c. Grants				
5. Do you provide land new customers and cu	scape water use stomers changing	efficiency in g services?	formation to	yes
6. Do you have irrigate	d landscaping at	your facilitie	s?	yes
a. If yes, is it wa	•			yes
-	have dedicated is	rrigation me	tering?	no
7. Do you provide custo season?				yes
8. Do you provide custo season?	omer notices at th	ne end of the	rrigation	yes
D. Landscape Consei	rvation Progra	am Exper	nditures	
•			This Year	Next Year
1. Budgeted Expenditu	res		1 1700	12000
2. Actual Expenditures			10677	
E. "At Least As Effect	tive As"			
Is your AGENCY important of this BMP?		least as effe	ective as"	No
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BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000	Year: 2000
A. Implementation		
 Do any energy service providers your service area offer rebates for h 		yes
2. Does your agency offer rebates for	or high-efficiency washers?	. no
3. What is the level of the rebate?		0
4. Number of rebates awarded.	•	0
B. Rebate Program Expenditure	es	
•	This Year	Next Year
Budgeted Expenditures	0	0
2. Actual Expenditures	0	
C. "At Least As Effective As"		
Is your AGENCY implementing ar variant of this BMP?	a "at least as effective as"	no
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BMP 07: Public Information Programs

Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC VD 10/31/2000	
A. Implementation	The second and the second seco	
 Does your agency maintain an active program to promote and educate custo conservation? 		yes
Indicate which and how many of the public information program.	following activities are inc	luded in your
Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	1
b. Public Service Announcemen	t yes	2
c. Bill Inserts / Newsletters / Brod	chures yes	15
 d. Bill showing water usage in co to previous year's usage 	omparison yes	
e. Demonstration Gardens	yes	7
f. Special Events, Media Events	yes	3
g. Speaker's Bureau	no	
 h. Program to coordinate with oth government agencies, industry a interest groups and media 		
3. Conservation Information Prog	ram Expenditures	•
	This Year	Next Year
Budgeted Expenditures	27000	27500
2. Actual Expenditures	24639	•

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as"
 No variant of this BMP?

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BMP 08: School Education Programs

Reporting Unit: City of Santa Barbara, P	WD	Submitted to 10/31/20		Year: 2000
A. Implementation				
 Has your agency implement promote water conservation 	ented a school i i?	nformation prog	ram to	yes
2. Please provide information	on on your scho	ol programs (by	grade lev	/el):
Grade	Are grade- appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	50	1250	1
Grades 4th-6th	yes	6	180	1
Grades 7th-8th	yes	19	570	1
High School	yes	1	60	. 1
Did your Agency's materi requirements?	als meet state e	education frame	work	yes
4. When did your Agency be	egin implementi	ng this program	1?	01/01/1990
B. School Education Pro	gram Exper	nditures		
			This Year	Next Year
1. Budgeted Expenditures			18000	18000
2. Actual Expenditures			16426	
C. "At Least As Effective	As"			T.
Is your AGENCY implement variant of this BMP?		ast as effective a	as"	No
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BMP 09: Conservation Programs for CII Accounts

Reporting Unit: City of Santa Barbara, PWD			to CUWCC /2000		Year: 2000	
A. Implementation	- Marie - Marie (de la constitución de la constituc		and the second seco		- 10 10 10 10 10 10 10 10	700-0-40-
 Has your agency identified customers according to use? 		СОМ	MERCIAL			nc
2. Has your agency identified customers according to use?	and ranked l	NDU	STRIAL			no
3. Has your agency identified customers according to use?	and ranked I	NSTI	TUTIONAL			no
Option A: CII Water Use Program	e Survey a	nd (Customer II	ncent	ives	
4. Is your agency operating a customer incentives program BMP 9 under this option?				'n	,	yes
CII Surveys	Commerci Accounts		Industrial Accounts		stitution: .ccounts	
a. Number of New Surveys Offered		52		1		.0
b. Number of New Surveys Completed		52		1		0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)		0		0		0
d. Number of Phone Follow- ups of Previous Surveys (within 1 yr)		0		0		0
CII Survey Components	Commercia Accounts	ıt	Industrial Accounts		titutiona ccounts	al
e. Site Visit	У	es	ye	s	t	no
f. Evaluation of all water- using apparatus and processes	У	es	ye	s	1	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	у	es	ye	s		no
Agency Cll Customer Incentives	Budget (\$/Year)	N	o. Awarded to Customers	Α	otal \$ mount warded	
h. Rebates	0		0		0	
i. Loans	0		0		0	
j. Grants	0		0		0	
k. Others	15000		4	1	5350	
•						

savings for thoption?	agency track CII program int e purpose of complying with	BMP 9 under this	yes
 Does your savings were estimated sa 	agency document and maint realized and the method of c vings?	ain records on how calculation for	ກດ
7. Estimated	annual savings (AF/yr) from a ncy since 1991.	site-verified actions	(
8. Estimated	annual savings (AF/yr) from by agency since 1991.	non-site-verified	
	on Program Expenditu	ires for CII Account	s
		This Year	Next Year
1. Budgeted	Expenditures	18000	18300
Budgeted Actual Exp		18000 16426	18300
2. Actual Exp			18300

BMP 11: Conservation Pricing

Reporting Unit: City of Santa Barbara, PWD

Submitted to CUWCC 10/31/2000

Year: 2000

A. Implementation

Rate Structure Data Volumetric Rates for Water Service by Customer Class

1. Residential

a. Water Rate Structure

Increasing Block

b. Sewer Rate

Uniform

Structure

c. Total Revenue

from Volumetric

\$12420471

Rates

d. Total Revenue

from Non-

Volumetric

\$2231160

Charges, Fees and other Revenue

Sources

2. Commercial

a. Water Rate Structure

Increasing Block

b. Sewer Rate

Structure

Uniform

c. Total Revenue

from Volumetric

\$4482834

Rates

d. Total Revenue

from Non-

Volumetric

\$493988 Charges, Fees and

other Revenue

Sources

3. Industrial

a. Water Rate

Increasing Block

Structure b. Sewer Rate

Structure

Uniform

c. Total Revenue

from Volumetric

\$235939

Rates

d. Total Revenue

from Non-

Volumetric

\$34095

Charges, Fees and

other Revenue

Sources

4. Institutional / Government

a. Water Rate Increasing Block Structure b. Sewer Rate Uniform Structure c. Total Revenue from Volumetric \$0 Rates d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources 5. Irrigation a. Water Rate Increasing Block Seasonal Structure b. Sewer Rate Service Not Provided Structure c. Total Revenue from Volumetric \$732680 Rates d. Total Revenue from Non-Volumetric \$175050 Charges, Fees and other Revenue Sources 6. Other a. Water Rate Uniform Structure b. Sewer Rate Service Not Provided Structure c. Total Revenue \$488307 from Volumetric Rates d. Total Revenue from Non-Volumetric \$54243 Charges, Fees and other Revenue Sources

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as No effective as" variant of this BMP?

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BMP 12: Conservation Coordinator

Reporting Unit: Year: Submitted to CUWCC 10/31/2000 City of Santa Barbara, PWD 2000 A. Implementation Does your Agency have a conservation coordinator? yes 2. Is this a full-time position? yes 3. If no, is the coordinator supplied by another agency with no which you cooperate in a regional conservation program? 4. Partner agency's name: 5. If your agency supplies the conservation coordinator: a. What percent is this conservation 50% coordinator's position? b. Coordinator's Name Alison Whitney Jordan c. Coordinator's Title Water Conservation Specialist d. Coordinator's Experience and Water Conservation Specialist for Number of Years 10 years at the City of Santa Barbara e. Date Coordinator's position was 05/01/1990 created (mm/dd/yyyy) 6. Number of conservation staff, including Conservation Coordinator. B. Conservation Staff Program Expenditures

			т	his Year	Next Year
 Budgeted 	l Expenditure	es		122308	128423
2. Actual Ex	penditures			122308	
C. "At Least	As Effecti	ve As"			
 Is your Atvariant of the 		ementing an "at	least as eff	ective as"	no
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Reporting Unit: City of Santa Barbara, PWD	Submitted to CUWCC 10/31/2000	Year: 2000
A. Requirements for Documentin 1. Is a water waste prohibition ordinar service area?	ng BMP Implementation	n yes
Is a copy of the most current ordinal CUWCC?	ence(s) on file with	no
B. Implementation		
 Indicate which of the water uses lis by your agency or service area. 	ted below are prohibited	
a. Gutter flooding		yes
b. Single-pass cooling systems	for new connections	yes
 c. Non-recirculating systems in wash systems 		yes
 d. Non-recirculating systems in laundry systems 	all new commercial	no
 e. Non-recirculating systems in fountains 	all new decorative	yes
f. Other, please name	*.	no
 Indicate which of the following mea supported in developing state law: Allow the sale of more efficience regenerating DIR models. 		yes
b. Develop minimum appliance	efficiency standards that:	
i.) Increase the regenera at least 3,350 grains of h pound of common salt u	ation efficiency standard to nardness removed per	yes
ii.) Implement an identific gallons discharged per g produced.	gallon of soft water	yes
c. Allow local agencies, includir special districts, to set more str ban on-site regeneration of wat demonstrated and found by the that there is an adverse effect of groundwater supply.	ingent standards and/or to er softeners if it is agency governing board	yes
4. Does your agency include water so water audit programs?		yes
Does your agency include informati exchange-type water softeners in edu encourage replacement of less efficier	cational efforts to nt timer models?	yes
C. Water Waste Prohibition Prog		
•	This Year	Next Year
 Budgeted Expenditures 	0	0
2. Actual Expenditures	0	

BMP 14: Residential ULFT Replacement Programs

Reporting Unit: Submitted to CUWCC Year: 10/31/2000 2000

A. Implementation

Single-Family Multi-Family Accounts Units

1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?

no

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method

SF Accounts

no

MF Units

- 2. Rebate
- 3. Direct Install
- 4. CBO Distribution
- 5. Other

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- 6. Describe your agency's ULFT program for single-family residences.
- 7. Describe your agency's ULFT program for multi-family residences.
- 8. Is a toilet retrofit on resale ordinance in effect for your service area?

no

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B. Residential ULFT Program Expenditures

	This Year	Next Year
Budgeted Expenditures	0	0
2. Actual Expenditures	0	
C. "At Least As Effective As"		
 Is your AGENCY implementing an "at leas variant of this BMP? 	st as effective as"	no

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